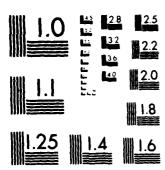
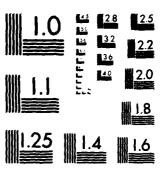
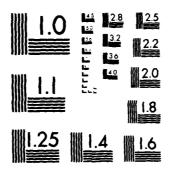
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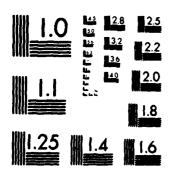
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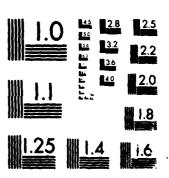
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JOB LANGUAGE PERFORMANCE REQUIREMENTS

FOR 44B

METAL WORKER

REFERENCE SOLDIER'S MANUAL DATED

17 April 1979

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ABSTRACT (Continue on reverse side if necessary and identity by block number)	ading
The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified.	

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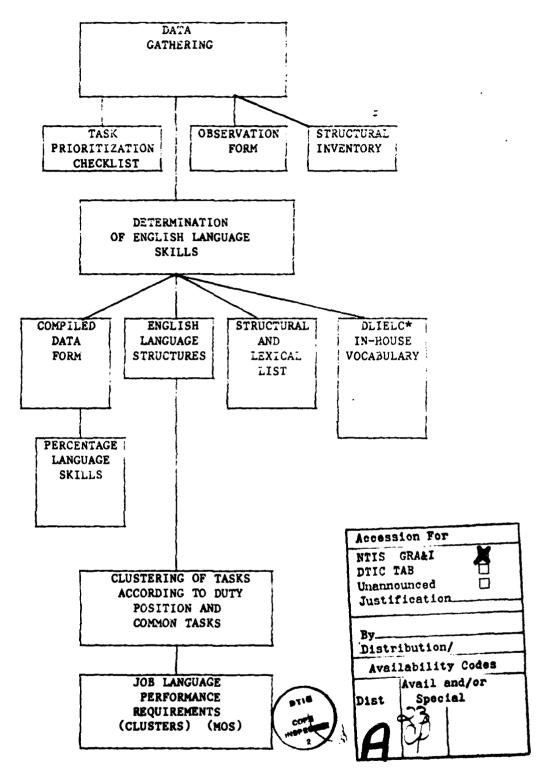


FIGURE 1

^{*}Defense Language Institute English Language Center

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PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

÷

This report is organized in six main sections. Sections I-TV clacular methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JTPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JTPR by cluster/topic, while Section VI contains the JTPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virgina.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

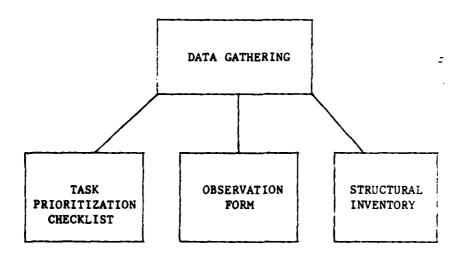


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

- 1. Is the task taught?
- 2. How is the task taught?
- 3. Is the task tested?
- 4. How is the task tested?
- 5. How important are speaking, listening, reading and writing in learning and performing the task?
- 6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

- 1. The Task Prioritization Checklist (Appendix 1)
- 2. The Task Inventory Compiled Data Form (Appendix 2)
- 3. The Observation Form (Appendix 4)
- 4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH - LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

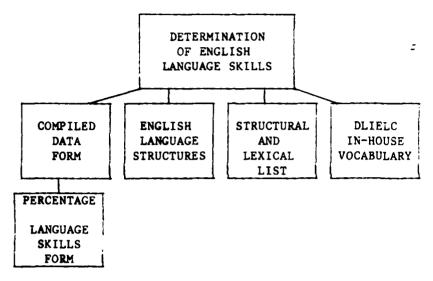


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

- 1. Methods of teaching.
- 2. Methods of testing.
- 3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE EKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

Methods of Testing performance oral written

listening speaking writing, reading =

Rating of English Language Skills listening speaking reading writing

*a response of 2 or 3 on a scale of 1 to 3 was tallied

a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*See Al

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

TR + TxVxR = % of use

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening 63% Speaking 43% Reading 36% Writing 37%

As shown by the figures, <u>listening</u> is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technial Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS. CLUSTERING OF TASKS

ACCORDING TO DUTY

POSITION AND COMMON TASKS

JOB LANGUAGE
REQUIREMENTS
(CLUSTERS)

JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(ENTIRE MOS)

FIGURE 4

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SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

- 1. FIRST AID
- 2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
- 3. INDIVIDUAL FIRNESS
- 4. CAMOUFLAGE
- 5. SECURITY AND INTELLIGENCE
- 6. COMMUNICATIONS
- 7. LAND NAVIGATION
- 8. MISAL RIFLE
- 9. GRENADES
- 10. LEADERSHIP
- 11. TRAINING
- 12. LOGISTICAL MANAGEMENT
- 13. SUPPLY
- 14. MAINTENANCE
- 15. SHOP (BENCH) OPERATIONS
- 16. ONYACETYLENE WELDING/CUTTING
- 17. ELECTRIC ARC WELDING
- 18. METAL INFRT GAS (MIG) MELDING
- 19. TUNGSTEN INERT GAS (TIG) WELDING
- 20. FUEL TANK REPAIR
- 21. GUASSAURKING
- 22. RADIATOR AND OIL COOLER REPAIRS
- 23. MECAL SIDY REPAIR
- 24. PAINTING
- 25. SOUDERING AND ERAZING

SECTION IV

JOB LANGUAGE
PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK: CONDITION: STANDARD:

A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldiers duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldiers job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, fields manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though offer conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

4

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

Listening 62% Speaking 40% Reading 36% Writing 34%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral comminication

TASK: Listen to respond

CONDITIONS: Given a medical scenario involving simple questions

about an illness in any training situation (Appendix 4), using standard and non-standard structural and

lexical items (Appendices 5 & 7)

ST. VDARDS: 100% understanding of oral utterances

TASK: Produce oral utterances to explain

CONDITIONS: Given a simple medical scenario requiring an oral

interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical

items (Appendices 5 & 7)

STATDARDS: 100% understandable oral compunication

TASK: Produce appropriate oral responses spontaneously or

upon request

CONDIFIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

captioned illustrations, procedures, tables and

explanations

STANDARDS: 100% understanding of printed content

TASK: Write to inform

COMDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

081-831-1004	Perform Mouth-to-Mouth Resuscitation and External
	Cardiac Massage
081-831-1005	Stop Bleeding
081-831-1006	Identify Signs and Treat for Shock
081-831-1007	Splint a Fracture
081-831-1008	Administer Emergency Medical Care for Burns
081-831-1010	Apply First Aid for Sun or Heat Injuries
081-831-1011	Apply First Aid for Wet or Cold Injuries

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening 48% Speaking 32% Reading 25% Writing 24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDIFIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Listen to perform

CONDITIONS: Given oral warnings or verbal commands regarding

simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items

(Appendices 5 & 7)

STATOARDS: 100% uniorstanding of oral utterances

TASK: Projuce appropriate oral responses spintaneously or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard

structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond

CONDIFIONS: Given NBC situations requiring oral alarms

STANDARDS: 100% understandable oral utterances

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

procedures, captioned illustrations and notations

defined as explanations

STANDARDS: 100% understanding of printed content

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

procedures, captioned illustrations and notations

defined as explanations

STANDARDS: 100% understanding of printed material

III. TASK NUMBERS AND TITLES

031-503-1001 Perform Operator's Maintenance on an M17 Ser	ries
031-503-1002 Put on and Wear a Protective Mask	
031-503-1003 Store Protective Mask with Hood in Carrier	
031-503-1004 Recognize and Protect Self Against a CB Haza	
031-503-1005 Recognize and Protect Self Against a Nuclear	
031-503-1006 Give Visual, Vocal, and/or Sound Alarms for	Chemical
or Biological Attack	
031-503-1007 Decontaminate Self	
031-503-1008 Decontaminate Individual Equipment	
031-503-1009 Satisfy Personal Needs in a Chemical Environ	n ae nt
031-503-1010 Exchange Filters on an M17 Series Protective	a Mask
031-503-1014 Identify a Chemical Agent Using ABC-MS Detec	ctor Paper
031-503-1015 Put On and Wear Protective Clothing	-
081-831-1009 Apply Artificial Respiration to a Chemical A	kg∍nt
Casualty	_
081-831-1012 Administer Antidote to a Nerve-Agent Cashalt	l y
031-503-2001 Read and Report Radiation Dosages	
031-503-2002 Decontaminate Equipment Using ABC-MII Decont	:aminatio n
Apparatus	
031-503-2003 Place the Automatic Chemical Agent Alarm Sys	stem into
Operation	
031-503-2004 Service the Automatic Chemical Agent Alarm S	Bystem -
031-503-2005 Perform Lass Than 72 Mour Chemical Agent Sho	เมื่อพถ
Openations .	
031-503-2006 Perform More Than 72 Moor Charical Agent She	it lown
Operations	
031-503-2007 Ignite Strike Pots	

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening 42% Speaking 40% Reading 28% Writing 23%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform

CONDITIONS: Given oral instructions or verbal commands in any

training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using stationd and non-standard structural and lexical items (197 addies 5 & 7)

STWPARPS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond

CONTINUES: Given a require in to profuce a verbal report in my

training situation (Appendix 4), using standard and

non-standard structural and lexical items

(Appendices 5 & 7)

STANDARDS: 100% understandable oral utterances

TASK: Read for information

COMMITTIONS: Given printed MOS training materials in the form of

procedures and explanations

STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-327-0201 Maintain an Appropriate Level of Physical Fitness

(Male Only)

071-321-0210 Maintain an Appropriate Level of Physical Fitness

(Female Only)

/ ひ

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening 80% Speaking 53% Reading 35% Writing 44%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

SEANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously

or upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform

COMDITIONS: Given a requirement to produce a verbal report in my

training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

STANDARDS: 100% understandable oral utterances

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

instructions, charts, captioned illustrations,

explanations and procedures

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1361 Camouflage/Conceal Self and Individual Equipment

051-191-1362 Camouflage/Conceal Equipment

051-191-1363 Campuflage/Conceal Defensive Positions

071-331-0852 Clear Fields of Fire

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening 66% 50% Speaking 30% Reading 40% Writing

JOB LANGUAGE PERFORMANCE REQUIREMENIS

TASK: Listen to learn and perform

Given oral instructions in any training situation CONDITIONS:

> (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Listen to orally interact

CONDITIONS: Given oral challenges, passwords and scenarios in any

training situation (typendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

100% understanding of oral information STANDARDS:

Produce appropriate oral responses spontaneously or TASK:

upon request

Given any verbal stimius in the form of questions, CONDITIONS:

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard

structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

Produce spontaneous oral utterances to interact TASK:

CONDITIONS: Given the requirement to orally respond to challenges,

> passwords and security situations in any training situation (Appendix 4), using stanfard and non-

standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral utterances

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

procedures and warnings

STANDARDS: 100% understanding of printed content

TASK: Write to inform

Given a requirement to write in any training situation CONDITIONS:

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-331-0801 Use Challenge and Password

121-030-1503 Safeguard Classified Information

071-331-0850 Guard Duty

071-331-0851 Enforce Moise, Light, and Litter Discipline

V-9-44B

COMMUNICATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening 56% Speaking 47% Reading 33% Writing 34%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STAUDARDS: 100% understanding of chal atterances

TASK: Listen to perform

CONDITIONS: Given a brief oral message including prowords in any

training situation (Appendix 4), using standard and nonstandard structural and lexical items (Appendices 5 & 7)

STAVDARDS: 100% understanding of oral content

TASK: Produce appropriate oral responses spontaneously or upon

require**t**

CONDITIONS: Given any verbal stirulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

SFANDARDS: 100% understandable oral responses

TASK: Produce oral utterances over radiotelephone

CONDITIONS: Given the requirement to orally committee using the

phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical

items (Appendices 5 & 7)

STANDARDS: 100% understandable oral utterances

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

instructions, captioned illustrations and sample

messages using procords

STANDARDS: 100% understanding of printed content

TASK: Write to record and report

CONDITIONS: Given a requirement to complete communication forms and

loss

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-571-1001	Transmit or Receive a Radio Message
113-571-1002	Use Correct Radiotelephone Procedures
113-571-2001	Authenticate Transmissions and Encrypt/Decrypt Numbers and Grid Zone Letters Using KAL 61 With KTC 1400
	Numeral Code
113-571-2002	Encode and Decode Massages Using a Tactical Operations Code KTC 600

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening 70% 40% Speaking Reading 36% Writing 42%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

Listen to learn and perform

CONDITIONS: Given oral instructions in any training situation

> (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral commication

TASK: Produce appropriate oral responses spontaneously

or upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using stanfard and non-stanfard structural and levical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Produce oral atterances to inform and respond

comparions: Given a requirement to produce a verbal report in my

training situation (Appendix 4), using stablard and non-standard structural and lexical items (Appendices

5 & 7)

100% understandable oral utterances STANDARDS:

TASK: Read for information

: SKOITIONS: Given printed MOS training asterials in the form of

marked maps, definitions, captioned illustrations,

instructions and procedures

STANDARDS: 100% understanding of printed content

TASK: Write to record

CONDITIONS: Given a requirement to record the grid reference

STANDARDS: 100% legible written content

III. TASK NUMBERS AND TITLES

071-329-1001 Identify Terrain Features on the Map

071-329-1010 Determine an Azimuth

071-329-1002 Locate a Point on a Map

071-329-1011 Navigate Using a Compass

071-329-1006 Navigate Using a Map

071-329-1008 Measure Ground Distance

071-329-1005 Datermine a Location on the Ground

071-309-1004 Determine the Elevation of a Point on the Greand Using

a Map

071-329-1007 Determine Distance While Moving Between Two Points on

the Ground

071-329-1012 Orient a Map to the Ground by MapoTerrain Association

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening 62% Speaking 47% Reading 29% Writing 35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform

CONDITIONS: Given oral instructions or verbal commands in any

training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using stantari and non-stantard structural

and lexical items

STANDARDS: 100% understandable oral responses

TASK: Produce oral uttorances to inform and respond

CONDITIONS: Given a requirement to make a verbal report in any

training situation (Appendix 4), using standard and non-standard structural and lexical items

(Appendices 5 & 7)

STANDARDS: 100% understandable oral utterances

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

procedures, captioned illustrations, warnings and

references

STANDARDS: 100% understanding of printed content

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

a range card

STANDARDS: 100% understanding of printed content

TASK: Write to record

CONDITIONS: Given a requirement to complete a range card STANDARDS: 100% understandable and legible written content

bridge and the state of the first wife to

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-311-2001	Perform Operator Maintenance on M16Al Rifle, Magazines, and Ammunition
071 211 2000	
0/1-311-2002	Load and Unload an Ml6Al Rifle Magazine
071-311-2003	Load, Reduce a Stoppage, Unload, and Clear an MISAL Rifle
071-311-2004	Zero an M16Al Rifle
071-311-2005	Engage Targets With am MISAL Rifle
071-311-2006	Prepare and Use Aiming and Firing Stakes for the MIGAL
	Rifle

GRENADES

I. PERCENTAGE LANGUAGE SKILLS

Listening 93% Speaking 67% Reading 11% Writing 33%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:

Listen to learn and perform

CONDITIONS:

Given oral instructions or verbal comends in any training situation (Appendix 4), using standard and non-standard structural and lexical items

(Appendices 5 & 7)

STANDARDS:

100% understanding of oral commication

TASK:

Listen for information

CONDITIONS:

Given oral instructions to perform task specific assistments in any training situation (Applicaix 4), using standard and non-standard structural and 1 % cal

items (Appendices 5 & 7)

STAMDARDS:

100% understanding of oral infor ation.

TASK:

Produce appropriate oral responses spontageously or

upon request

CONDITIONS:

Given any verbal stitulus in the form of the stitus, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard street hal

and lexical items (Appendices 5 & 7)

STA DARDS:

100% understandable oral responses

DASK:

Produce oral uttorances to inform and respond

: RYOITICKS:

Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

STANDARDS:

100% understandable oral utterances

TASK:

Read to learn

CONDITIONS:

Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustra-

tions and references

STANDARDS:

100% understanding of prints i content

TASK:

Write to inform

CONDITIONS:

Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-325-4402 Engage Enemy Targets With Handgrenades

V-14-44B

33

LEADERSHIP

I. PERCENTAGE LANGUAGE SKILLS

58% Listening Speaking 40% 24% Reading Writing 27%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

Listen to learn TASK:

Given oral instructions in any training situation conditions:

(App ndix 4), using standard and non-standard structural and laxical items (Appendices 5 & 7)

100% or Prestanding of oral comminication 5.74.73.83**5**:

TASK: Produce appropriate oral responses spontaneously

or upon request

Given any verbal stimulus in the form of questions, CONDITIONS:

> scharios or instructions in any training situation (tpyonia 4), using standard and non-standard structural

and levical items (Appendions 5 & 7)

STINNINS: 100% on Linstanfible oral responses

TASK: Read to learn

Giv a printed I'S training aterials in the form of COMMENS:

coptional illustracions, valvings, procedures and

references

STATMINS: 100% understanding of printed content

TASK: Write to inform

COUNTRACTS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STATIDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-328-5301 Inspect Personnel/Equipment

071-328-5302 Supervise Maintonace on Individual and TOE Equipment 071-328-5304 Enforce Preventive Medicine Program

091-468-2001 Supervise Personnel Operating Drill Prosses

091-468-2002 Supervise Personnel Operating Machine Tools and

Equipment

TRAINING

I. PERCENTAGE LANGUAGE SKILLS

Listening 85% Speaking 63% Reading 42% Writing 50%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

> (Appendix 4), using standard and non-standard structural and lexical items (top mices 5 & 7)

100% enterstanding of oral commidation SINDARDS:

TASK: Produce appropriate oral responses spinitureously

or upon request

CONDITIONS: Given any verbal stirilus in the form of questions,

scenarios or instructions in any training situation ($\hat{a}_{i,T}$ adix 4), using stational and constrained

structural and lexical items (*; dies 5 & 7)

STICHROS: 100% up terstandable eral responses

Profince spontaneous oral atterances to interact TASK:

Given the requirement to enally respond to chall $\epsilon_{s}(s)$, passeris, and so anity situations in any UMBLITIONS:

training situation (*ppendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

SIATEARDS: 100% of assistible oral uttermies

TASK: Read to 1, arm

Given printed MOS training materials in the form of CONDITIONS:

procedures, descriptions, tables and SOPs

STANDARDS: 100% understanding of printed content

TASK: Write to inform

Given a require out to write in any training situation CONDITIONS:

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

TASK NUMBERS AND TITLES III.

874-896-2001 Conduct a Performance-Original Training Session

LOGISTICAL MANAGEMENT

I. PERCENTAGE LANGUAGE SKILLS

Listening	43%
Speaking	30%
Reading	38%
Writing	39%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:

Listen to learn

CONDITIONS:

Given oral instructions in any training situation (Appendix 4), using standard and non-standard

structural and lexical items (Appendices 5 & 7)

STANDARDS:

100% understanding of oral communication

TASK:

Produce appropriate oral responses spontaneously or

upon request

CONDITIONS:

Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (appendix 4), using standard and non-standard structural

and levical it is (Appendices 5 & 7)

STANDARDS:

100% understandable oral responses

TASK:

Read to learn

CONDITIONS:

Given printed MOS training raterials in the form of

procedures, descriptions, tables and SOPs

STITE ST

100% understanding of printed contact

TASK:

Write to record and report

CONDITIONS:

Given a requirement to complete on univation forms of

1 200

SENDERDS:

100% understand hie and I gible written content

III. TASK NUMBERS AND TITLES

161-530-1001 Use Department of the Army (DA) Peophlet 310-4 101-530-1002 Prepare TAMMS Forms Used by Vehicle Operator 101-530-2001 Use Department of the Army (DA) Paliphlet 310-7 101-530-2002 Identify Types of Modification Work Orders (EWO)

SUPPLY

I. PERCENTAGE LANGUAGE SKILLS

Listening 38% Speaking 25% Reading 40% Writing 40%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral comminication

TASK: Produce appropriate oral respons a spontaneously or

apon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and punsty lard structural

and loxical ite's (App. diess 5 & 7)

SECONDANS: 100% and extantable ordlers, usos

TASK: Read to learn

COMPLICANS: Given printed MOS training offerials in the form of

procedures, tescriptions, to les uni sors

SIMPANOS: 100% understanding of printed content

TISK: Write to record and ray rt

O DIFIGRS: Given a regain cent to explote commission forms and

1008

CHANNEDS: 100% of restordable and legible written Content

TIT. TASK NUMBERS AND TOTLES

101-530-1003 Locate and Record National Stock Nimber(s) (NSN)

for Repair Parts

101-530-2003 Co-plete Entries on Doct tent Register for Supply

Actions (DA Form 2064) and on Record of D sanls--

Title Insert (DA Form 3318)

MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening 52% Speaking 40% Reading 50% Writing 43%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

Listen to learn TASK:

complifies: Given oral instructions in any training situation

> (Appendix 4), using starfard and nun-starfard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% and establing of small of a firstion

TASK: Produce appropriate chal responses spont on hisly or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Agrantix 4), using startard and marks that standard

and trainal items (Applications 5 & 7)

\$.743.7A-08: 1990 : Tirstendable ral riskinsks

TASK: B ad to learn

Given printed 108 tr initial oftend is in the form of providings, ies riptions, tables and 508s 1897 in leasts illustration of content. CEDITIONS:

ST45) 1.4 18:

744K: Waite to Inform

CONTINUE: Given a require ent to write in any training situation

(typerfix 4), using start and investment to the the

and terical ites (to, dies 5 & 7)

STATDARDS: 199% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-501-1020 Maintain Assigned Tool Kit/Set

091-501-1021 Maintain Individual Clathing and Equi, ant

SHOP (BENCH) OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

50% Listening Speaking 32% Reading 31% Writing 27%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (typundices 5 & 7)

STAYDARDS: 180% inderstanding of oral communication

Produce appropriate oral responses spontaneously or TASK:

upon request

Given any vertal still it is in the firm of questions, see-CONDITIONS:

narios or instructions in any training situation

(type stix 4), using at abord on a restaurant structural

and treical items (type dies 5 & 7)

100% indication inble oral regions as STANDARDS:

Read to learn 7.25 T

CONDITIONS: Given printed MaS training enterials in the form of

procedures, teaching in s, tobles and Sors 100% and extending of pointed courtest

SIMPORS:

TASK: Write to inform

Given a requirement to write in any training situation CONDITIONS:

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

100% understandable and legible written content STANDARDS:

III. TASK NUMBERS AND TITLES

091-468-1001 Prepare Shop Drawings/Sketches

091-468-1002 Peform Lavout of Workpiece

091-468-1003 Identify Ferrois and Non-Ferrois Metals

091-468-1004 Sharpen Drill Bits

091-468-1005 Drill with Drill Presses

091-468-1006 | Cut and Square Metal Bar Stock

091-468-1007 Perform Hand Drilling Operations

091-468-1008 Perform Hand Tapping Operations

091-468-1009 Perform Hand Die Threading Operations

091-468-1010 Perform Hand Grinding Operations

091-468-1011 Perform Metal Shearing Operations

091-468-1012 Perform Reaming Operations

091-468-1013 Rivet Metal Work

091-468-2020 Manufacture Special Metalworking Tools

031-468-2021 Maintain Bench Stock Supplies

OXYACETYLENE WELDING/CUITING

I. PERCENTAGE LANGUAGE SKILLS

Listening 54% Speaking 33% Reading 35% Writing 34%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given eral instructions in any training situation

(Appendix 4), using standard and non-stablard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of gral a conjugation

TASK: Projuce appropriate oral responses sport meansly

or upon request

CONDITIONS: Given any verbal stimulus in the form of quistions,

scenarios or instructions in any training situation

(Approdix 4), using standard and numestablish structural and 1 winal it is (typicalises 5 & 7)

STANDARDS: 100% universit of Sie oral of process

TASK: Road to learn

CMOITIONS: Given printed the training of erlets in the fun of cap-

tioned illustrations, a mings, procedures administrations

SINVOMROS: I Down wale stunding of paid to be not into

FASK: Write to Exform

CODIFICNS: Given a region and to write in any training sitestion

(App. dix 4), using storterd and pomestrateri stratural

and ' wheal items (transitions 5 & 7)

STIMDARDS: 100% understandable und legible written content

III. TASK NUMBERS AND TITLES

091-468-1030 Set Up Oxyacetylene Maiding Equipment

091-468-1031 Weld Ferrous Metal in the Flat Position

091-468-1032 Weld Ferrous Metal in the Horizontal Position

091-468-1033 Weld Ferrous Metal in the Vertical Position

091-458-1034 Forehand Weld Ferrous Metal in the Overhead Position

091-468-1035 Weld Pipe with Oxyacetylene Equipment

091-468-1036 Perform Multilayer Velding

091-468-1037 Weld Mon-Farrous Motal in the Flat Position

091-468-1038 Weld Non-Ferrois Metal in the Morizontal Position

091-468-1039 Weld Non-Ferrous Metal in the Vertical Position

091-468-1040 Braze Dissimilar Metals in the Flat and Horizontal

Position

091-468-1041	Cut Steel with Oxyacetylene Torch
091-468-1042	Cut Rivets with Oxyacetylene Torch
091-468-1043	Perform Annealing Operation with Oxyacetylene Equipment
091-468-1044	Perform Flame Hardening and Tempering Operation
091-468-2040	Perform Case Hardening on Low Carbon Steel
091-468-2041	Repair/Replace Components of Oxyacetylene Welding and
	Cutting Fauincent

ELECTRIC ARC WELDING

I. PERCENTAGE LANGUAGE SKILLS

65% Listening Speaking 41% Reading 44% 417 Writing

II. JOB LANGUAGE TEX-CRYANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appindix 4), using standard and non-standard

structural and laxical it is (Applithees 5 & 7)

STATESTARDS: 100% understanding of oral am unication

TASK: Produce appropriate oral responses of other masty

or upon request

CONDITIONS: Given any verbal stimulus in the form of on stions,

scenarios or instructions in any training situation

(App naix 4), using starterd and non-stations atout male

and levical items (type affects 5 & 7)

SIANDARDS: 100% understandable oral responses

Pead to 1 arm TASK:

Given painted 108 to being of claims in the form of COUDITIONS:

ouptioned illustrations, providence and references

STATESOS: 180% a terstanding of printed centent

-.s**:**: Write to inform

CONTINUE: Given an quire but to write in any training sited in

(type dix 4), using standard and near-standard structural

and lexical items (Apportices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-468-1060 Set Up Arc Welding Fauly ant

091-468-1061 Perform Surface Buildup

091-468-1062 Wold Farrous Matals in the Flat Position 091-468-1063 Weld Ferrous Metals in the Horizontal Position

091-463-1064 Meld Ferrous Metals in the Vertical Position

091-468-1065 Weld Ferrous Metals in the Overtead Position

091-468-1066 Weld Non-Ferrius Motals in the Flat Position

091-468-1067 Weld Non-Ferrous Metals in the Morisontal Position

091-468-1068 Arc Weld on Face Mardamed Arrow Plate

METAL INERT GAS (MIG) WELDING

I. PERCENTAGE LANGUAGE SKILLS

Listening 61% Speaking 40% Reading 44% Writing 40%

II. - JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral commication

TASK: Produce appropriate oral responses spontineously

or upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenerios or instructions in any training situation (Application 4), using standard and a restrict training standard and a second standard st

and lexical items (Appendices 5 & 7)

STANDARDS: 100% on terstandable oral responses

TASK: Read to 1 sarn

CONDITIONS: Given printed toS training atmin's in the Dan of

procedures, descriptions, tables and sups

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CHAITIONS: Given a requirement to write in any training situation

(typendix 4), using stantard and non-standard standard

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-468-1080 Set Up Arc and MIG Walding Their ant 091-468-1081 MIG Wald Aluminum in the Flat Position

091-468-1082 MIG Weld Aluminum in the Porizontal Position

091-468-1083 MIG Weld Aluminum in the Vertical Position

091-468-1084 MIG Weld Aluminum in the Overhead Position

091-468-1085 MIG Weld on Magnesium

TUNGSTEN INERT GAS (TIG) WELDING

I. PERCENTAGE LANGUAGE SKILLS

Listening 63% Speaking 40% Reading 38% Writing 37%

II. JOB LANGUAGE PERFORMANCE REQUIRES ANTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (appindices 5 & 7)

SINDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or apon

o caest

COMMINIONS: Given any verbal stimulus in the form of questions,

so marios or instructions in any training situation

(Applied ix 4), using standerd and non-standard structural and 1 micral it is ('pp alices 5 & 7)

ST4.0980S: 100% under standable oral acceptors is

TASK: Read to Warn

7. Dillows: Given printed 198 training of rials in the form of

coptioned illustrations, warrings, procedure and

raferinces

STATOARDS: 100% understanding of printed content

F/SK: Write to inform

Committees: Given a require out to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STAYDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-468-1100 Set Up TIG Welding Equipment

091-468-1101 Perform Flat Position Welding with TIG Welding Equipment

091-468-1102 Perform Morizontal Position Welding with TIG Welding

Equipment

291-468-1103 Perform Vertical Position Welding with TIG Welding

Equipment

091-468-1104 Perform Ovirbeid Position Velding with TIG Walding

Equipment

091-468-1105 TIG Weld on All claum

091-468-1106 TIG Weld on Sheet Metal

091-468-1107 TIG Weld on Majaksiam

091-468-2060 Fig Wold on Titonian

FUEL TANK REPAIR

I. PERCENTAGE LANGUAGE SKILLS

Listening 72%
Speaking 46%
Reading 40%
Writing 39%

II. JOB LANGUAGE PERFORMANCE REQUISIMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using stanfard and ana-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 199% understanding of craft of injection

TASK: Produce appropriate oral responses aportaneously

or upon request

CONDITIONS: Given any verbal stockes in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and populationed

Cappenaix 4), using standard and peacest ailerd structural and levical items (5,5 offices 5 & 7)

STANDAROS: 100% understable oral requests

TASK: Read to learn

CONDICIONS: Given printed 108 training materials in the four

of procedures, to adoptions, tollas and some

SEASONIROS: 100% understanding of printed content

TASK: Write to inform

CWDIFIONS: Gir n a require ent to write in any training situation -

(App. 1984), using at a dord and winner about structural

and begical items (typendices 5 & 7)

SEAN MAROS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-468-1120 Remove and Install Fuel Tooks

091-468-1121 Clean Fre1 Tanks

091-468-1122 Test Fuel Tanks

091-468-1123 Repair Terneplate Fuel Tanks

091-468-1124 Repair Fiberglass Fuel Tanks

091-468-1125 Repair Aluminum Fuel Cells

GLASSWORKING

I. PERCENTAGE LANGUAGE SKILLS

Listening 69% Speaking 47% Reading 42% Writing 42%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 190% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously

or upon request

CONDICIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable cral recponses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

procedures, descriptions, tables and SOPs

STEDMEDS: 100% universed ding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appindix 4), using stoulard and non-standard structural

and tribal items (Apprehices 5 & 7)

ShrvakeDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-468-1140 Remove and Install Glass Frames and Whatherstripping

091-468-1141 Perform Glass Cutting Operation

091-468-1142 Remove and Install Oper Glass

RADIATOR AND OIL COOLER REPAIRS

I. PERCENTAGE LANGUAGE SKILLS

Listening 57% Speaking 31% Reading 29% Writing 32%

II. JOB NANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-stoudard structural and levical its s (Appendices 5 & 7)

STANDARDS: 100% understanding of oral commication

TASK: Produce appropriate oral ruphiess spectateously

or upon request

COUNTROWS: Given any verbal stimulus in the form of questions,

scenerios or instructions in may training situation (Appendix 4), using standard and constantard structural

and lexical items (Appendices 5 & 7)

STANDIRDS: 160% understandable oral rispinses

TASK: Pand to 1 .rm

COMMINCES: Given what door training or mints in the form of

procedules, descriptions, tables and SOPs

SAMONARS: 100% understanding of prided content

TASK: Write to inform

CONTRIBUS: Claim a require out to crite in any training situation

(A, gradix 4); using standard and non-standard structural

and lexical items (typendices 5 & 7)

SIANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-468-1160 Clean Radistor

091-468-1161 Test Radiator

091-468-1162 Repair Copper/Brass Radiator

091-468-1163 Repair Aluminum Radiator

091-468-1164 Repair Cast Iron Radiator

091-448-1165 Clean and Test Oil Cooler

091-468-1166 Repair Oil Cooler

METAL BODY REPAIR

I. PERCENTAGE LANGUAGE SKILLS

Listening 65% Speaking 382 Reading 44% Writing 40%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

T 48K: Listen to learn

CONDITIONS: Given oral instructions in any training situation

> (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

SECRETARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously

or upon request

CONDITIONS: Given any verbal stimius in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using stockers and account users structural and logical it as (Apportions 5 & 7)

SIARDARDS: 100% understantable oral competees

TASK: Read to 'earn

Given printed MOS training not entails in the form of CUMDITIONS:

procedures, descriptions, tables and SPS

SIGNIBARDS: 189% ander standing of printed content

TASK: Write to inform

COMDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and constandard standard

and lexical items (Appendices 5 \$ 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-468-1180 P save Vahicle Body Components

091-468-1181 Install Vohicle Body Companints

091-468-1182 Parform Frine Repair Operations

091-468-1133 Repair Flotation Barriers

091-468-1184 Perform Roughing and Alining Operations

091-468-1185 Perform Shrinking Operations 091-468-1186 Perform Finishing Operations

091-468-1187 Propace and Apply Body Fillers

PAINTING

I. PERCENTAGE LANGUAGE SKILLS

Listening 80% Speaking 50% Reading 56% Writing 50%

II. JOB NATURAL PERFORMANCE REQUIRE ENIS

TASK: Listen to learn

COVOLITORS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and 1 xical items (Appendices 5 & 7)

SACDROS: 100% understanding of oral communication

Tisk: Produce impropriate oral responses spontaneously

or upon request

GOLDE, 1998: Given any verbal at online in the form of questions,

so maries or instructions in any training situation

(Appendix 4), esting strated and transtantiand structural and 1 yield it as (t) editors 5 & 7)

SEMPLES: 100% and retarible and responses

nisk: Read to 1...n

COMPANIES: Given printed ITS teathing out risks in the found

procedures, discriptions, tables and 802s

STATOTARS: 100% understanding of printed content

TASK: Write to inform

CADIL OIS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understantable and legible written content

THE TASK NUMBERS AND TITLES

091-458-1200 Mix Paints

091-468-1201 Prepare Surface for Painting

091-468-1202 Set Up Stray Painting Equipment

SOLDERING AND BRAZING

I. PERCENTAGE LANGUAGE SKILLS

Listening 84% Speaking 59% Reading 44% Writing 47%

II. JOB LANGUAGE PERFORMANCE FROM INDIANAS

Listen to learn

CONDITIONS: Given oral instructions in any training site tion

(Appendix 4), using stall rd and non-st chard structural and levical it is (type dies 5 & 7)

\$ 14 CM 4308: 100% understading of and

7538: Produce appropriate oral responses sport were usly

or upon request

FORDIEIORS: Given any verbal stime'es in the form of questi as,

scenarios or instructions in any training situation (fp. adix 4), raing stable 1 and number added structural and lexical it is (fp. adices 5 % 7)

100% understandable and a process \$7...\\RD\$:

TASK: Riad to bearn

CANHORS: Given printed 198 training of grials in the form of

productiones, descriptions, tobles old softs

STORTS: 100% moderatabling of printed content

71381 Write to inform

C THITONS: Given a requirement to write in any training sit ation

(typerlix 4), using studend and appretuded structured

and lexical items (Appendices 5 & 7)

\$71.3043DS: 100% understandable and legible written content

III. TASK NULSERS AND TITLES

091-468-1210 Perform Silver Soldering 091-468-1211 Solder with Electric Icm (91-468-1212 Solder Ferrous Matals 091-468-1213 Solder Non-Ferrois Metals

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

5

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation.

(Appendices 4, 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language

task.

The following are specific conditions found in this language task:
Warnings
Described situations
Directions
Lectures
Commands, Orders
Sound tracks (films, tapes)
Stendard/Non-standard English

Instructions
SQT questions

TASK: Understand spontaneous oral language or language via a technica1

medium - such as a radio telephone - intended to inform and

elicit responses.

CONDITIONS: Given scenarios, questions, commands or requests in simple to

complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order

to apply and respond.

The following are specific conditions found in this language task:

Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

TASK: Formulate and produce appropriate oral responses spontaneously.

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios,

instructions, or cues in any training situation.

(Appendices 5 & 6)

STANDARDS: 100% understandable oral response using correct lexicon and

syntax for the training situation.

.The following are specific conditions found in the language task:

Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications
Information

TASK: Produce oral utterances to interact and communicate spontaneously

or via a technical medium such as radio telephone.

CONDITIONS: Given a communicative situation (Appendices 4, 5, & 6

Soldier's Manual) in any training situation.

STANDARDS: 100% understandable communication using correct lexicon and

syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

TASK: Read MOS training in the form of printed prose or graphic

representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate

problems, intercept codes and complete forms.

CONDITIONS: Given technical, non-technical, lexical and structural features

in simple to complex printed form in any training situation.

(Appendices 4, 5 & 6)

STANDARDS: 100% understanding of printed content.

The following are specific conditions found in this language task: Captions with illustrations.

Lists Extracts
Procedures Columns
Information Indices
Definitions Charts
Outlines Methods

Signs Technical Vocabulary

Markers Standard Operating Procedures

References Cartoons
Rules Problems
Maps Manuals

Flags Graphic Training Aids

Military Documents

I.D. Papers Regulations

TASK: Identify, understand, and interpret written utterances pertinent

to MOS training in technical or non-technical language.

CONDITIONS: Given technical, non-technical, lexical and structural features

in simple to complex written form in any training situation.

(Appendices 4, 5 & 6)

STANDARDS: 100% understanding of written content.

The following are specific conditions found in this language task:

Lists

Information Descriptions

Radiation readings off dosimeter

Coordinate scales Callsigns-suffices Three-letter codes

Three-letter codes Examples Calculations

Radio communications

Range cards Notes

Markings

Messages

VI-5

24

WRITING

TASK: Upon instruction, write in conventional orthography, letter,

numbers, words or sentences appropriate to the training

situation.

CONDITIONS: Given standardized forms, paper or answer sheets and the

instructions to list, answer, describe or recall.

STANDARDS: 100% syntactical and lexical correctness and legibility of

writing which is also appropriate in style and usage to training

situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

TASK: Write, in conventional orthography, letters, or specialized code,

numbers, words or sentences in order to transmit or record

information.

CONDITIONS: Given standardized forms or paper and oral communication.

STANDARDS: 100% syntactical and lexical correctness of writing which can

be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms

Codes

Grid coordinates

Decoded messages

Encoded messages

Logbooks

Plottings

Figures

Reports

Tags

Range cards

Applicable DA forms

APPENDICES

- 1. Task Prioritization Checklist
 2. Task Inventory Compiled Data Forms
 3. Percentage Language Skills
 4. Observation Form

- 5. Structural/Lexical list6. Vocabulary (DLIELC in-house)
- 7. Vocabulary (machine-generated)
- 8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the Department of the Army in 1980.

IOUR CURRENT MOS; (PRESENTLY WORKING IN) MOS IN WHICH YOU WERE TRAINED; POSITION; UNIT;
*RATING: 1=low 2= me 3= hi
YES NO IS TASK LISTENING *
JECTURE TAUGHT HOW HANDS-ON YES
TESTED? PERFORMA TESTED?
DANGER TO

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from the Task Prioritization Checklist.

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METHODS OF TEACHING	self_paced Mands_on demonstration lecture	717717 177717 177717							
CRITICALITY	danger to person or equipment importance	1 1 1 1 1 1 1 1 1 1	1	7 1 1 1 1 2 1 7 MM 1 4 1 1 MM 1		1	1	12, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2	11111111111111111111111111111111111111
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METHODS OF TESTING	written oral performance								
METHODS OF TEACHING	self_paced hands_on demonstration lecture		7	2		=277=			
CRITICALITY	danger to person or equipment importance								
AIT	difficulty? tested? taught?	q	0	a	d	<u>o</u>	0		
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STH OF NCH	demonstration			Ш	Ш	Ш	Щ	Ц	Ц	Ц	Щ	Ц	\perp	Ц	Ц	1	Ц	╧	Ц	1	Ц	⊥	Ц	\perp	Ц	4	Щ
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LIT	danger to person or						Ш	Ш	Ш	Ш	Ш			Ц	Ш		Ш		Ш		Ш		Ш	T	Ш	1	\coprod
ICA	equipment							П	\prod	\prod						T	[]	T	П	T	П	T	П		\prod		
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APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

FORMULA LISTENING SPEAK ING READING -demonstration -oral (test) -self-paced -lecture task in that -lecture -rating (scale) -written (test) -self-paced -rating (scale) -written (to -hands-on -performance -rating (s (test) any -rating (scale) 3 - 100% Cluster 5 = 100% 2 = 100% 4 = 100%2×2×7= 98 FIRST AID 1X5x 7=245 7x3x7=147 78.1 32 27 16 <u>23</u> 39 15 29 22 42 152 variables moximum number 398 ,620 98/39.000 245/152.000 629 40% 36 % NBC 21x5x7=735 21×2×7= 294 21x3x7=44/ 74 15 69 24 76 735/354.000 294/95,000 48% 25% MOIVIDUAL 2X5X5=50 2X2X5=20 2×3×5=30 FITNESS 071-327.0201 ,420 071-327-0210 50/21.000 42% 40% 787

Lotal number of responses to variables in the cluster number of tasks in the luster

Ļ	FORMULA	LISTENING	SPEAKING	DING	WRITING
cluster	×	-demonstration	-oral (test)	-sel:-paced	-lecture
	11	-lecture	-rating (scale)	-written (test)	-self-paced
that	(T) (V) (R)		,	į	
in	(v)	-hands-on		-rating (scale)	-written (test)
task	(1	-performance (test)			-rating (scale)
		(test)			
any	۴	-rating (scale)			
۳.	Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
respondents	CAMOUF LAGE	4x5x5=100	Yx2x5=40	4x3x5=60	4x415=80
ond ond		!	8	~	18
esp		/5 /8 /3	13	7 2 12	7 2
of r		15	13/21	12_	8
	051-191-1361 THEU	19		2/	35
≃ !	0:1-191-1363	80	, 525	<u>31</u> 8,	. 438
- 1	071-331-0852	100/80.000	40/21.000	60/21.000	80/35.000
maximum					
ž		80%	53%	37.6%	4470
"	SECURITI AND INTELLIGENCE	4x5x5=100	4x2x5= 40	4 x5=60	4x4r5=80
≃ ′	TO THE STATE OF TH	11	9	2	17
-		17	1/20		2
	071-33/-080/	//	20	77	17 2 5 8 32
1	121-030-1503	17 66	ישה .	1	32
	071-331-0850 071-331-0851	.660	40/20.000	, 300	V _{in} .
Ľ	011-33/-012	100/66.000	•	60/18.000	80 (32.500
-		66%	50%	30%	40%
C	UMMUNICATIONS	4X5X4=80	Yx2xY= 32	4x3x1=48	4×4×4=64
	-	8	6	2 1	11
	ļ	11	9 15	4	2
1/	3-571-1001	7 80 (45.000		10 .	y 5 22
//	3-571-1002	10 80 45.000	. 469	.333	
1 '	3571-2001	10 45	32/15.000	48/16.200	
1"	13-571-2002				64/22.000
 		50%	47%	33%	
-		0 0 76	1 / '0	3 3 70	340%
İ	Ì			1	Q~
-	•	·	•	•	A Company of the second second

IN F TOTAL NUMBER OF PESPONSES to Variables in the cluster

T = number of tasks in the fuster

V = Variables

R = maximum number of respondents in any task in that clust

٤	FAIR: 11	T Tabellous Thees	AND AU THU	93 F3 & 35 T B1/+	; m 2 m 7 M 0
cluster	FOR:	LISTENING	SPEAKING	READING	WRITING
	×	-demonstration	-oral (test)	-self-paced	-lecture
that	11	-lesture	-rating (scale)	-written (test)	-self-paced
in t	. (8)	-hands-on		-rating (scale)	-written (test)
task	(T)(V)(R)	-performance			-rating (scale)
		(test)			
in any	Ę	-rating (scale)	•		1
	Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
den	LAND NAVIGATION	10x5x6=300	10x2x6=120	10×3×6=180	10x4x6=240
respondents		41	21 27 48	7	46
		42	27	18	7 18 30
of		46 42 42 39	98	40	30
age I		210	.400		101
Ē.		, <u>/</u>	120/48.000	180/65,000	1421
maximum 'number		300/210.000		• , 63,000	240 101.000
max		70%	40%	36 %	4200
# *	MIGAI RIFLE	6x5x6=180	6x2x6=72	6x3x6=108	6x4x6=144
_		21	16	10	25
		25 18	34	2	10
		21		10 2 19 31	14 51
	071-311-2001 THAN	172	. 472	!	
	071-311-2006	180 [112.000	72/34.000	108/31.000	144/51.000
-	· ·				
Ť	GRENADES	62%	4700	29%	35%
	-	/X5X 3=15	1x2x3=6	/x3x3=9	1x4x3=12
j		3	3	0 0 .	3
1		3 2	34	<u></u>	6
	12/ 22 - 11/1	<u>3</u> 14 .933			m00-14
10	71-325-4402		6/4.000	. 111	•
		15/14.000	6/4.000	9/1.000	12 4.000
		93%	67%	11%	33%
Ī				11.0	47
					4)

IN = total number of responses to variables in the cluster

T = number of tasks in the cluster

V = variables

R = maximum number of proceed to the cluster

£	FOR. 'A	LISTENING	SPEAKING	READING	WRITING
cluster	*	-demonstration	-oral (test)	-self-paced	-lecture
	"	-lecture	-rating (scale)	-written (test)	-self-paced
that	, (T) (V) (R)	-hands-on		-rating (scale)	-written (test)
תו א	T) (T	-performance		,	-rating (scale)
task	÷ +	(test)			
any	TT.	-rating (scale)	•		
11	Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
ints	LEADERSHIP	5X5X5=125	5-X2X5=50	5X3X5=75	5x4r5= 100
respondents		15 16 14	8 <u>/2</u> 20	16	16
of	071.378-5301	//		18	27
humber	071-328-5302	<u>16</u> 72	. 400	240	
mnu.	091-468-2001	125 72.000	50/20.000	75/18.000	100/27.000
maxımum	091-468-2002	723 / 72:000		•	
ахи		58%	40%	24%	27%
E	TRAINING	1x5x4=20	1×2×4=8	1x3x4=12	1x4x4=16
r R		3 4 3 -17	32/5	0235	4022
	874-896-2001	20/17 000	8/5.000	12/5.000	16/8.000
		85%	63%	42%	50%
	LOG ISTICAL MANAGEMENT	4X5X5= 100	4x2x5= 40	4x3x5=60	4x1x5=80
	/0/-530- /00/ /0/-530-/002_	7 9 9 10 100/43.000 43	300	6 4 13 23	9 12 31 31
	101-530-2001 101-530-2002	42	40/12.000	. 383	80/31.000
į		43%	30%	38%	39%
			.(84

TR = total number of responses to variables in the cluster
T = number of tasks in th :luster
V = variables
R = maximum number of respondents in any task in that cluster

er	FORMULA	LISTENING	SPEAKING	: \DING	WRITING
cluster	*	-demonstration	-oral (test)	-seli-paced	-lecture
that	n ∂	-lecture	-rating (scale)	-written (test)	-self-paced
in t	· (T)(V)(R)	-hands-on		-rating (scale)	-written (test)
task	E	-performance			-rating (scale)
any t	¥ +	(test)			
in a	•	-rating (scale)	•		
7	Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
lden	SUAPLY	2x5x5= 50	2x2x5=20	2x3x5=30	2x4x5=40
r of respondents	(4	2 3 5	3 6 12	4336
F	101-530-1063 101-530-2003	3 11 ,380 50 (19.000	20/5,000	30/12.000	40/16.500
		38%	25%	40%	40%
=	MAINTENANCE	2X5X 5=50	2x2x5= 20	2 /3×5=30	2XYXJ=40
	091-501-1020 091-501-1021	6 4 6 3 7 26 50/26.000	35 8 . 400	30/15.000	4 5 17 17 40/17000
		52%	40%	50 %	4303
	SHOP (BENCH) OPERA TIONS	15x5 x 6 = 450 47 29 58	15 X 2 X 6 = 180 29 29 58	15× 3×6=270 20 10	15x4x6=360 21 20 10
	091-468-1001 THRW 091-468-1013 091-468-2020 091-468-2021	51 41 226 450/226.000	.32 Z 180 58.000	10 53 83 .307 270 / 83.000	39 98 272 360/98.000
İ		509 ,	32%	31%	279;
			\$		84

T = number of tasks in 'cluster V = variables R = maximum number of respondents in any task in that cluster

ter	Formula	LISTENING	SPEAKING	READING	WRITING
cluster	×	-demonstration	-oral (test)	-self-paced	-lecture
that	"	~lecture	-rating (scale)	-written (test)	-self-paced
in t	(T)(V)(R)	-hands-on		-rating (scale)	-written (test)
task	(T)(-performance (test)			-rating (scale)
in any	, +	-rating (scale)			
1	Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
gen	OXYACCTYLENE	17x5x7= 595	17x2x7= 238	17X3X7=357	17x4x7=476
or respondents	091-468-1030	63 56 74 61	33 46 79	45 15 65 125	56 45- 15-
number	7416 091-468-1044	67	221	1	44
	091-468-2040	321 ,539	238 79.000	.350	
nax1:num	091-468-2041	595/321,000	238(77.000	357/125.000	476/160.000
		54%	33%	35%	3400
	ELECTRIC ARC WELDING	9x5x6=270	9x2x6=108	9x3x6= 162	9x4x6=216
	091-468-1060 THD, 091-468-1068	39 27 40 37 32 17 5 270 (175.000	19 25 44 108/44.000	22 10 39 71 162/71.000	27 22 10 36 89 216 87.000
-		65%	4100	4400	4123
	METAL INERT AS (MIG) WELD- ING	6x5x 6= 180 22 17 25 2;	6x2x6=72 // /E 29	6x3x6=108 15 7 25 47	6×9×6=144 17 15 7
1	91-468-1080 +HAU 91468-1685	180 110.000	. 403 72/29.000	1081 47.000	18 57 144/57.000
-		6100	40%	4490	40%
			I constitution of the second o		26

IR = total number of responses to variables in the cluster
T = number of tasks in ' cluster
V = variables
R = maximum number of respondents in any task in that clus

FORMULA	LISTENING	SPEAK ING	DING	WRII
38	-demonstration	-oral (test)	-sel:-paced	-lecture
. 1 "	-lecture	-rating (scale)	-written (test)	-self-pace
(T)(V)(R)	-hands-on		-rating (scale)	-written (
(T)(Y	-performance			-rating
+	(test)			
, E	-rating	•		
	(scale)	2 = 100%	3 - 100%	4 = 100°
Cluster TUNGSTEN INERT	5 = 100%		9x3x4=108	9×11
GAS (716) WELD	1232/210-	9×2×4=72		/~ /.
126	24	14 15 29	8	2/
	21 22	7)	9	8
	23	21	24	7
091-468-1100	23	11.3	41	15
THRU	1/3	72/29.000	.380	 I
091-468-1107	180113.000	12/29.000	108141.000	144,
091.468-2060	180 1113.000		•	
	63%	40%	32%	
FUEL TANK	6x5x4=120	6x2x 4= 48	6"3xx=72	6445
REPAIR	17	9	4	
1	15 19	$\frac{13}{22}$	سح	15
	19	22		<u> </u>
091-468-1120	18	11=6	•	/>
THRU	17 . 7/7	458	403	15
091.468-1125	86 120 186.000	48/22.000	72/29.000	961.
·				, 37
	72%	46%	40%	
645WORKING	3X5 x 5= 75	3x2x5=30	3x3r5=45	France
	//	6	6	4
	q	8/4	2.	6
091-468-1140	12	//	6 2 11 19	2
THAN	// 9	30 14.000		8 2
091.468.1142	9 52 .693	30/14.000	.422	
	75/ 52.000		45/19.200	60/
	69%	47%	42%	۲,
	<i>- 70</i>	/ / /0	, = /3	
1		,		87

= total number of responses to variables in the cluster
= number of tasks in the .uster
= variables
= maximum number of respondents in any task in that cluster

rer.	FORM. 1.A	LISTENING	SPEAKING	READING	WRITING
cluster	*	-demonstration	-oral (test)	-self-paced	-lecture
that	<u>~</u>	-1 oture	-rating (scale)	-written (test)	-self-paced
in th	(T)(V)(R)	-hands-on		-rating (scale)	-written (test)
task		-performance (test)			-rating (scale)
in any	. H	-rating (scale)			
	Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
len	RADIATOR AND	7K5x6=210	7x2x6= 84	7x3x6= 126	7x4x6=168
of respondents	OIL COOLER RE- PAIR	25 22 26 24	11 15 26	12 4 20 36	22 12 4
	091-468-1160 THRU	119		36	53
maximum num	091-468-1166	210/119.000	84/26.000	126/36.000	168 (53.000
Max -		57%	31%	29%	320,
# / *	METAL RODY REPAIR	8x5x6=240	8×2×6=96	8×3×6=144	8×4×6=192
(09: 46 F-1180 THRU	29 24 37 29 36 155	14 22 36 .375	23 8 33 64	24 23 8 22 77
6	791.4 68-1187	240 (155.000	96/36.000	144/64.000	192/77.000
-	4	65 70	38%	44%	40%
/	PAINTING		3×1×2=30	3x3x5=45	3×4×5=60
	0.175	12 10 14 /2	69/15	8 14 25	/o * 3
10	191.468-1200 THRU	12		25	9
Ø	91 468-1202	75 (62.000	30 15,000	45/25.000	60/50,000
		80%	50%	56%	50.3
	and the second of		andigas Alic Joseph 18 (horo, ny 10 Antohol Miller na hake na milik gala mark		98

In a total number of responses to variables in the cluster

T = number of tasks in th luster

V = variables

R = maximum number of respondents in any task in that of

responses to variables in the cluster

that cluster LISTENING READING SPEAKING WRITING -demonstration -oral (test) -self-paced -lecture -locture -rating (scale) -written (test) -self-paced in -hands-on -rating (scale) -written (test) task -performance -rating (scale) (test) -rating in (scale) 3 - 100% respondents Cluster 5 = 100% 2 = 100% 4 = 100% SOLDERING 4X5x4=80 4x2x4=32 4x4x4=64 4x3x4=48 AVA 8 <u>//</u> /9 14 BRAZING 12 1211/5 091-468-1210 THRU 091.468-1213 80/67.000 84% 59% 4400 479.

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

FERS:	ON RECORDING LOCATION
	(INIT'AIT
T	* TASK NUMBER IF KNOWN
cal Environment of Instruction	
lassroom	
pen Areas (live firefield- mark-up ter	rrain)
arge enclosed area (bleacher sites)	
(Warehouse size)	
Other	Styles of Communication Instructor, Verbal orders
ents:	
•	A. Formal Speech
	B. Informal Speech
	C. Regional/Ethnic
·	D. Body Language
	E. Profanity
	F. Shop talk/slang
	G. Non-standard English
of Instruction	I. Other
	Comments:
ilms	
'ideo cassettes	
raphic Training Aids (diagrams, etc	
Illustrations (requiring reading/not	requiring reading)
aps	
ock-ups	
odels/Aimulate	
eal equipment	Mode of Response
ransparencies	
ape cassettes	A. Manipulating a piece of equipment/device
raining Publications (required/availab	
igns/Notices	C. Signals
.A. System	D. Performance
ormal Voice	E. Taking Notes
oldier's Manual	F. Teamwork
	0 0.5
	G. Other
halkboard other onts:	G. Other Comments:

Instructional Ratio

- A. Instructor; ong-to-one/class
- B. Peer/one-to-one
- C. Group or Committee Group (group of instructors of whom one teaches one portion of the whole)
 - Small (12 or less)
 - Large (more than 12)
- D. Other
- E. Questions

Commenta:

91

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of structural and lexical items for this MOS.
(For discussion, see Section II)

7~

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

- Subject and action verb Firer aims.
 - 2. Subject and action verb and direct/indirect object Many things cause burns.
 - 3. Subject and linking verb and subjective complement This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

- Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.
- 3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted) But what about the other 15 meters? Ask, "What is there?"

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

•

5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

6. FRAGMENT

Movement to occupy a position. All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

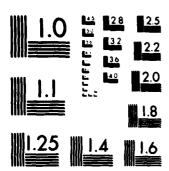
3. COMPARISON

Place suitable material under him as well as over him if necessary.

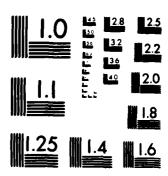
4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

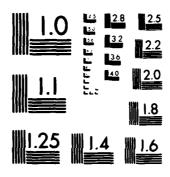
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 448 METAL WORKER REFERENCE.. (U) DEFENSE LANGUAGE INST LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 17 APR 79 AD-A121 125 F/G 5/9 NL UNCLASSIFIED END FILMED



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1961 A



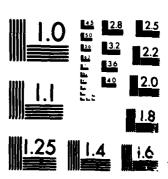
MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1963 A



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A



MICROCOPY RESOLUTION JUST CHAT T NATIONAL BUREAU OF STANDARIO-1965-A

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be relessed.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed akin paint the shiny areas with a dark color.

4. PREPOSITIONAL

<u>Under</u> certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE

AVAILABLE

- 2. COMPARATIVES
 Threat main tanks are smaller than the US main battle tanks.
- 3. SUPERLATIVES

 The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

- 1. INDEFINITE

 Have someone walk the FDL (if e-emy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).
- 2. POSSESSIVE Shake his shoulder and shout, "Are you OK.?".
- 3. SUBJECTIVE
 This will give you correct nomenclature.
- 4. OBJECTIVE

 To the correct functioning.
- 5. REFLEXIVE Keep yourself clear of the muzzle.

es

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

- --You will be tested.
- -- If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.
- -- If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.
- --When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.
- -- Have someone walk the FDL and determine dead space.
- -- Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb present verb (uninflected, third person, indicative) past tense (regular/irregular) present perfect future

2. TYPES

intransitive (You) train for results.

transitive Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize	appear	has
protect	seek	must be
is facing	secure	wipe
remove	wear	rinse
explode	mask	put brush
sounds	s tored	em pty
points out	do require	reassemble
seen	could affect	reinstall

passive

given
is protected
is sprayed

are alerted are reported have been corrected are authorized be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should no: be"

5. AUXILLIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.



GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the MI6Al in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil <u>elsewhere</u>.

FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been <u>rarely</u> removed.

4. OTHER

Assembly procedure for the grenade launcher $\underline{\text{merely}}$ reverses disassembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB (particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between TRADOC and DLIELC was reached that DLIELC In-House Vocabulary would not be produced for this MOS.

APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

HEADQUARTERS

DATA CONTROL NUMBER 100 no / PROSECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

は止る

DEC 2 1980

44B- 1/2

COPIES

PREPARED BY: OPERATIONS DIV, DPFO ATDP PORM 109-1

COUNTS WORTS BC326 2112 PAGE LUEPRINTS 1900 149 CCLHATELY 11:05 - 4616 51:11 69 AVLITY
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3 ACTION
1 ANHESION
4 AFTER ALC: INVABLE ASEMBLED JRD LISTING/ASCFNDING SFULENCE COUNTS MIRDS ACLO ACIO 1 AUNITICN 1 ADJUSTMENTS APPLICATION APPREXIMATELY AL TERNATING ACCEPTARLE ARROWHEAD ASSEMBLE LEANLY LOCKWISE BACKING ARUSH RURVED M CRUMIZ WORDS PRICHT HECK LAVO CHAKACTERISTICS CAREUR 12 ING COUNTY WORDS

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APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.
(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

A. DeclarativeB. Interrogative

statement question

wh- questions
 tag questions

 yes/no questions command, polite request exclamation

Sentence Complexity:

C. Imperative

D. Exclamatory

A. Simple B. Compound

one full subject and predicate

two or more independent clauses joined by:

1. punctuation

2. punctuation and conjunctive adverb

3. coordinate conjunction

C. Complex one or more dependent clauses and an

independent clause

D. Compound-Complex two or more independent clauses and one or more dependent clauses

Verbs:

A. Concord

B. Transitive

C. Intransitive

D. Copula

E. Linking

H. Tense

I. Aspect

F. Auxiliaries of tense

G. Auxiliaries of

modality

subject-verb agreement

takes an object

doesn't take an object

to be

connectors

will, do, did

should, ought to, must to, have to, have got to, able to, can, may, might,

could, would

present, past

perfect, progressive

Verbal Forms:

A. Present Participle

B. Past Participle

active voice passive voice

Voice:

- A. Active

B. Passive

1. agent expressed

2. agent not expressed

subject does action

subject does not do action

Nouns:

A. Singular man, pen
B. Plural men, pens
C. Count chairs
D. Mass flour
E. Possessive soldier's
F. Collective fish

Adjectives:

A. Predicative The tank is green.

B. Attributive The green tank is moving.

C. Degrees of comparison
 1. regular big, bigger
 2. irregular worse, worst

D. Ordinal/Cardinal
 Numbers first, one

Adverbs:

A. Time/Frequency immediately, today, ago
B. Place/Position here, there, everywhere
C. Manner maybe, possibly
D. Negative no, never
E. Comparison of nearest, harder
F. Degree thoroughly, completely

Articles:

A. Definite a, the
B. Indefinite any, some

Pronouns:

A. Personal you

B. Demonstrative that

C. Indefinite anybody, both, each

D. Reflexive himself, yourself

E. Cases of I, me, my, mine

F. Relative who, whom, whose

G. Interrogative who, which, what

Conjunctions:

A. Coordinating and, but, or, nor
B. Subordinating because, if, as, that, after
C. Correlative either, or
D. Conjunctive adverb therefore, furthermore

Prepositions:

A. Simple

1. place on, in time
 direction/motion in, at, on to

4. manner/agent/

instrument

by, with

of

5. measurement/

number amount

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -

Elementary and Intermediate Phase of General

English materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs